Clinical Investigation Program at Naval Hospital Camp Pendleton

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for the Investigators of Naval Hospital Camp Pendleton

Naval Hospital Camp Pendleton, Camp Pendleton, CA

Background

Naval Hospital Camp Pendleton (NHCP) is a military community hospital in northern San Diego County serving the healthcare needs of more than 20,000 active duty Marines and 100,000 military family members and other beneficiaries.

- The NHCP patient population includes primarily healthy young adults and their family members.
- The most common medical needs are related to:
  - Preventive care
  - Prenatal and postpartum care
  - Injury care and sports medicine
  - Mental health care
- The hospital supports a Graduate Medical Education (GME) program which includes a Family Medicine residency, Sports Medicine fellowship, Pharmacy residency, Dental residency, and other student programs.
- Clinical research within this setting must meet the academic needs of trainees, the healthcare needs of the beneficiaries, and the broader public health needs of the military and civilian communities.
- The Clinical Investigation Program (CIP) has worked to develop and support studies to meet these needs, within the unique confines of very high military operational tempo.
- Challenges related to working with this patient population and medical staff include frequent, prolonged, and often short-notice deployments to military combat operations and humanitarian missions.

Current Projects

Though active research facilitation, CIP has grown robust, with 12 current internal protocols.

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<th>Protocol Title</th>
<th>NHCP Departments and External Collaborators</th>
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<td>Tinnitus Re-Training Therapy Trial (TRTT)</td>
<td>NHCP Otolaryngology and Audiology Department University of Alabama and Johns Hopkins University</td>
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<td>Hypertensive Oedema for Persistent Post-Concussion Symptoms After Mild Traumatic Brain Injury (ncPPI)</td>
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<td>Pharmacologic Therapy for Post-Traumatic Stress Disorder: Review of Prescriptions Among Military Members Receiving Outpatient Treatment</td>
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<td>Adoptive Disclosure: A Combat Specific Treatment for Post-Traumatic Stress Disorder</td>
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<td>Versus Thrombectomy (STE) Prevention Provider Knowledge, Attitudes, and Practice Before and After Implementation of a New-Guideline</td>
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<td>Smoking Cessation and Physical Performance in Marine Corps Recruits</td>
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<td>Tobacco Use in Healthcare Workers: Impact of a Policy Change</td>
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<td>Injury Prevention Based on Functional Movement Screens in a Marine Corps POPulated</td>
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<td>Utility and Sensitivity of the Tying Rod for Detecting Tibial Stress Fractures</td>
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<td>Health Promotion Counseling in the Family-Centered Medical Home Port</td>
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<td>Patient Self-Management and Healthy Lifestyle After Dietary Approaches to Stop Hypertension (SAGE) Education</td>
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<td>Breastfeeding Rates Among Women Receiving Postnatal and Postpartum Care at Naval Hospital Camp Pendleton</td>
<td>NHCP Family Medicine Department</td>
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NHCP CIP also supports projects that recruit from our population without engaging NCF investigators. These include:

- The National Children’s Study
- Surveillance for Respiratory Pathogens (Naval Health Research Center)
- Virtual Reality Treatment for PTSD (Naval Medical Center San Diego and Naval Center for Combat and Operational Stress Control)

Discussion and Conclusions

- Naval Hospital Camp Pendleton offers a unique setting for clinical investigations and translational research to address important public health needs of both the military and civilian communities.
- Future collaborative studies are under development with many academic investigators on topics such as obesity, mental health, and physical performance of Marines.
- Goals that guide the Clinical Investigation Program:
  - Improving patient care and population health
  - Supporting GME students and program accreditation
  - Fostering a spirit of academic inquiry and collaboration
- Despite some of the unique challenges of working with this patient population, NHCP has successfully developed and supported studies that address relevant topics and important concerns for both military and civilian public health.

Naval Hospital Camp Pendleton Investigators

Nahed Bahlawan, PharmD; Andrew Baldwin, MD; Karen Bartku, DPM; Margaret Bayard, MD; James Caviness, MD; James Chung, MD; Illy Dominitz, MD; Kenneth Fechner, MD; Jeffrey Feinberg, MD; Stephen Fischer, MD; Priscilla George, AuD; Carol Haddock, RN; Ian Hammett, Kara Jablonski, PharmD; Julie Jarl, FNP-C; Michael Johns, MD; Angela Klinski, PharmD; Nancy Lovell, PhD; Janelle Marra, MD; Blake Marvin, MD; Todd May, DO; Patricia Mouck, AuD; Karen Muchowski, MD; Kristina O’Connor, MD; Dustin Porter, MD; Danielle Robbins, MD; Jason Roby, MD; Chih-Wen Shi, MD, PhD; Sean Skelton, MD; Ana Solis, MD; Scott Sparks, MD; Emily Streeter, PsyD; Keith Stuessi, MD; Lisa Tangredi, NP; Denise Torbert, MD; Emily Vanides, AuD; Grant Wallace, MD; Henrietta Wilbon-Escobar, RN; Daniel Wright, PhD

Development of Clinical Investigation Projects

Despite challenges, since 2007, NHCP has supported annual increases in new clinical investigation protocols.